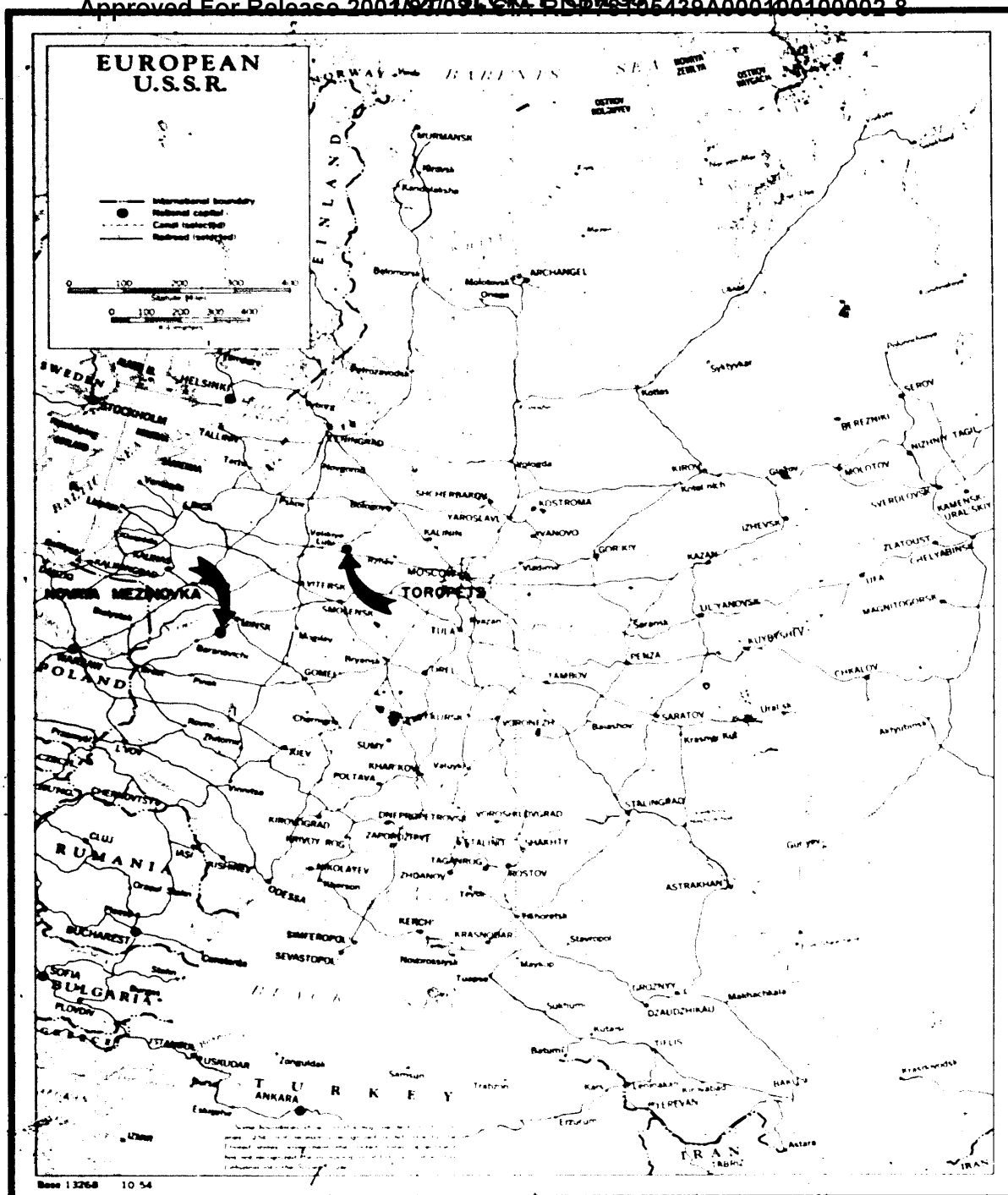


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## TOROPETS STORAGE INSTALLATION

## I. INTRODUCTION

25X1D The Toropets Storage Installation, previously reported in PIC/JB-21/58, appears on a single poor-quality 35mm color transparency taken from a TU-104 at about 30,000 feet in early [REDACTED]. The installation is partially cloud- and shadow-covered which precludes detailed interpretation. However, some interpretation of the installation has been made (accuracy of measurements  $\pm 10\%$ ) to permit a partial comparison with the Novaya Mezinovka Storage Installation (see HTA/JM-9/58). The Toropets Site is located at  $56^{\circ}22'N/61^{\circ}39'E$ , eight nautical miles (nm) south of Toropets, five nm north of Staraya Toropa, 36 nm east of Velikiye Luki, and 360 nm north-east of Novaya Mezinovka (see orientation map opposite and Fig. 1).

25X1D It does not appear on [REDACTED] photography covering the area. [REDACTED] reports 1/ 2/ 3/ 4/, with accompanying sketches, have pinpointed the area. A comparison of these sketches with the photograph shows a similarity in the shape of the area and arrangement of the buildings.

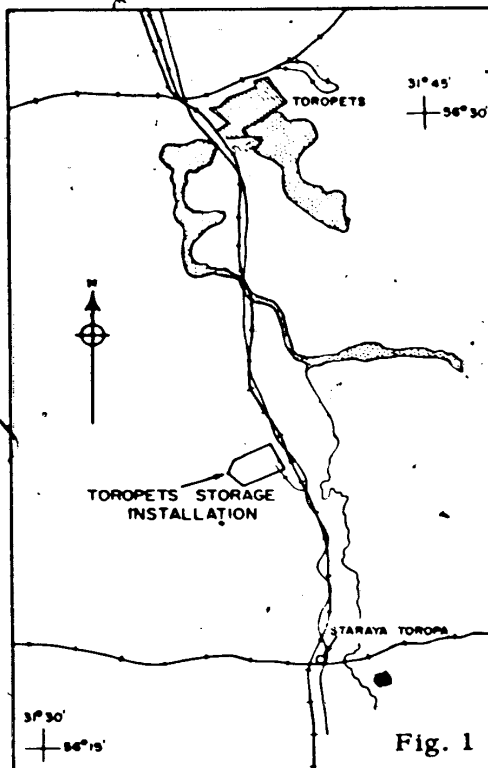


Fig. 1

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## II. SUMMARY AND CONCLUSIONS

Information derived from the photograph is not sufficient to make a point-by-point comparison of the Toropets and Novaya Mezinovka storage installations. However, the similarity of design, and location in wooded areas, indicate that the same type of material is stored at both sites. The Toropets installation is served mainly by a branch line from the Moscow/Velikiye Luki railroad, but is also served by a secondary road system between Toropets and Staraya Toropa.

## III. DESCRIPTION OF THE INSTALLATION

The storage installation (Figure 2), which is roughly rectangular in shape and covers approximately 480 acres, is situated in a wooded area. It measures approximately 3,500 by 6,000 feet and is completely surrounded by a cleared lane 200 feet wide. It contains at least 51 buildings having 712,800 square feet of covered floor space. It is not possible to determine whether any of these buildings are revetted, like those at Novaya Mezinovka. The site is served by both road and rail. For the purpose of this report, the installation has been divided into two units, arbitrarily designated "A" and "B", which are described separately.

Unit "A" consists of 18 or more probable storage buildings, all 290 by 80 feet. Two of these buildings in the east end of the installation are rail-served. The ground around the remaining 16 buildings is obscured by trees so it cannot be determined whether they are road and/or rail-served.

Unit "B" consists of 33 visible storage buildings, 32 of which measure 170 by 50 feet and one of which measures 290 by 80 feet. These buildings are arranged in four rows. A straight-line earth scar of undeterminable width extends in a general northeast-southwest direction, halfway between the two middle rows of buildings. A northwest-southeast earth scar connects each of the storage buildings to the northeast-southwest earth scar at an angle of 90°. This unit is similar to Unit "B" at Novaya Mezinovka, in

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which cleared lanes containing rail tracks extend from each building to the longitudinal ditch (Figure 3). Although it is not possible to determine the precise character of the earth scars connecting each of the storage buildings at Toropets with the northeast-southwest earth scar, it is possible that the former, like the cleared lanes at Novaya Mezinovka, contain rail tracks.

#### IV. ROAD AND RAIL FACILITIES

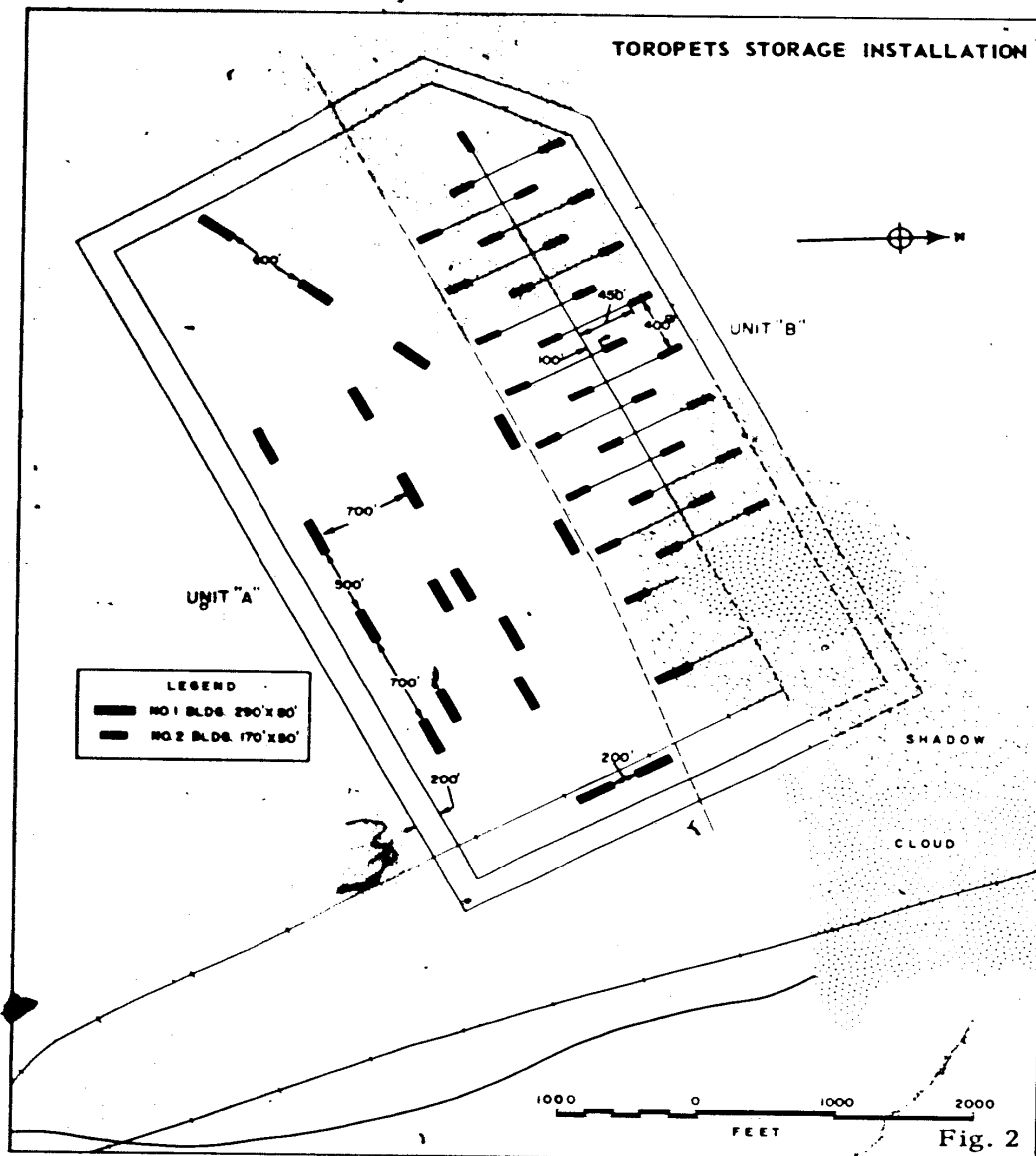
The storage installation is served by a rail spur from a branch line from the Moscow/Velikiye Luki rail line, and by a secondary road system connecting Toropets and Staraya Toropa. It is not possible to determine whether or not there is any rolling stock on the main rail line or on the rail spur within the installation.

#### V. CAMOUFLAGE AND SECURITY

There has been no deliberate attempt made to conceal this installation from aerial observation. The only camouflage in evidence has been accomplished through maximum use of natural cover. The clearing of foliage in the storage area has apparently been kept to a minimum. The installation is surrounded by a cleared lane which possibly contains a fence, like the Novaya Mezinovka Installation.

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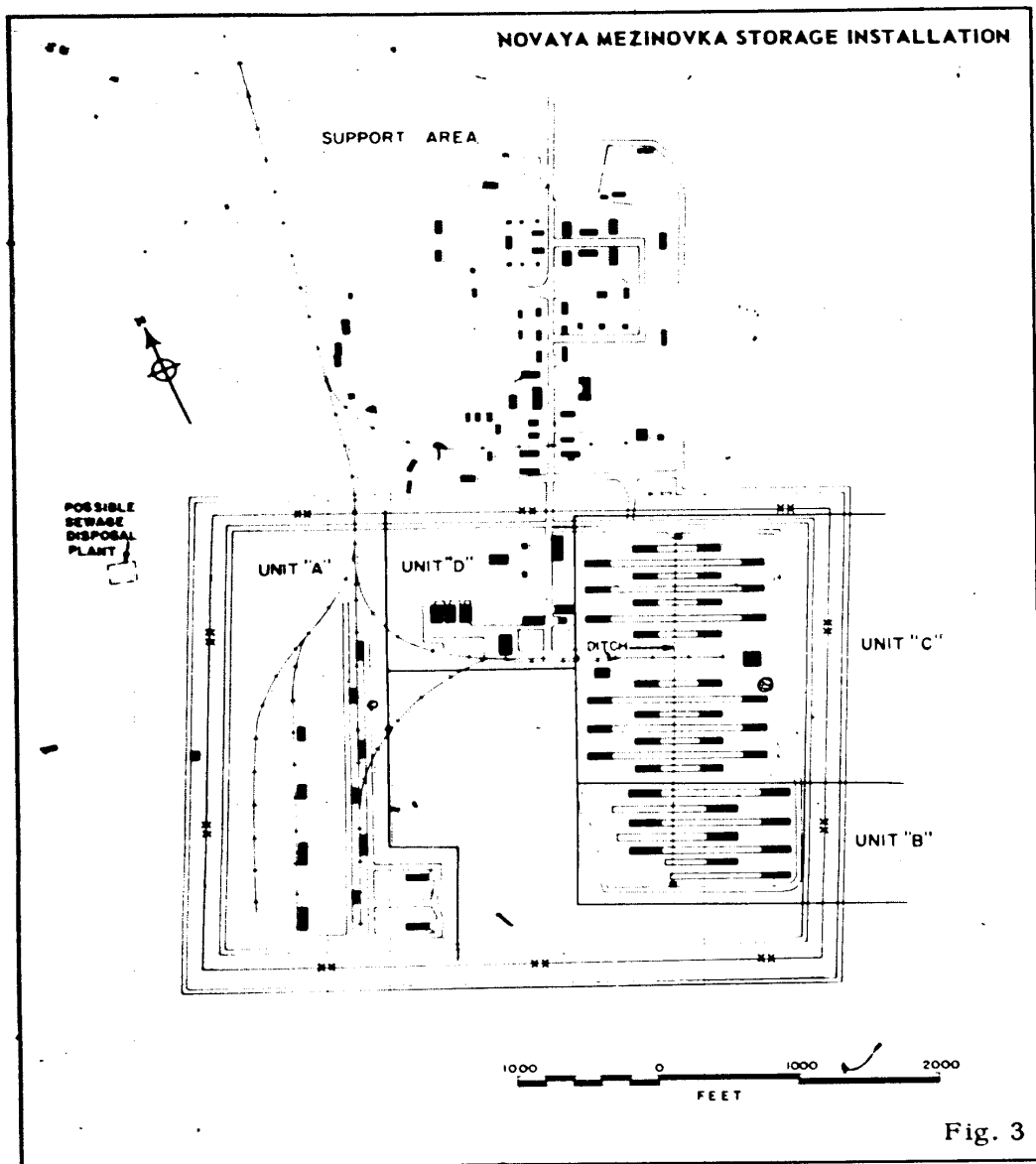
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**REQUIREMENT:** This Joint Photographic Intelligence Memorandum has been prepared by the Army, Navy, and CIA. It is intended to meet the requirements of the intelligence community on the Toropets Storage Installation as specified in CIA requirement DP/R46/58 and Army SRI-165-58 requesting a comparison of the Toropets and Novaya Mezinovka Storage Installations.

25X1D

**MAP DATA:**

Russian Chart 0-36-124-C

AMS No. 36-10 Series N501, (NO-36-10) AMS, 1:250,000

**REFERENCES:** 25X1A

1. Air, Moscow [REDACTED] 16 Dec 57 (S) (IAC#1148938)
2. Air, Moscow [REDACTED] 9 Jun 58 (S) (IAC#1183133)
3. Navy, Moscow 116-S-58, 7 Jun 58 (S) (IAC#5048726)
4. Navy, Moscow 53-S-58, 28 Feb 58 (S) (IAC#5042217)